

California Arbovirus Surveillance Bulletin #9

Week 22 Friday, June 5, 2026



WEEKLY UPDATE

Humans

No human infections have been reported in 2026.

Dead Birds

A total of 10 new West Nile Virus (WNV) positive dead birds were reported this week from 5 counties: Alameda (1), Sacramento (4), Santa Clara (3), Ventura (1), and Yolo (1). **This is the first detection of WNV activity in Yolo County this year.** In 2026, 24 WNV positive dead birds have been reported from 9 counties: Alameda (2), Fresno (1), Los Angeles (3), Sacramento (5), San Bernardino (1), San Diego (3), Santa Clara (6), Ventura (2), and Yolo (1). At this time last year, 13 WNV positive dead birds had been reported from 3 counties.

Mosquito Pools

West Nile virus

A total of 7 new WNV positive mosquito pools were reported from 4 counties: Fresno (3), Orange (1), Los Angeles (1), and Riverside (2). **This is the first detection of WNV activity in Orange County this year. These are the first WNV positive mosquito pools from Fresno County this year.** In 2026, 17 WNV positive mosquito pools have been reported from 6 counties: Fresno (3), Orange (1), Los Angeles (7), Riverside (4), Sacramento (1), and San Bernardino (1). At this time last year, 74 WNV positive mosquito pools had been reported from 3 counties.

St. Louis encephalitis virus

No new St. Louis encephalitis virus (SLEV) positive mosquito pools were reported this week. In 2026, a single (1) SLEV positive mosquito pool has been reported from 1 county: Riverside (1). At this time last year, no SLEV positive mosquito pools had been reported.

Sentinel Chickens

No seroconversions have been reported in 2026.

2025 & 2026 YTD West Nile Virus Comparisons		
	2025	2026
Total No. Dead Bird Reports	3,805	2,951
No. Positive Counties	6	11
No. Human Cases	0	0
No. Positive Dead Birds / No. Tested	13 / 544	24 / 468
No. Positive Mosquito Pools / No. Tested	74 / 10,338	17 / 14,346
No. Seroconversions / No. Tested	0 / 645	0 / 660

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YTD WNV Activity by Element and County, 2026					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			2		
Fresno			1	3	
Los Angeles			3	7	
Orange				1	
Riverside				4	
Sacramento			5	1	
San Bernardino			1	1	
San Diego			3		
Santa Clara			6		
Ventura			2		
Yolo			1		
Totals			24	17	

TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	0	0	0
	YTD	0	0	0

Positive / Total Tested							
		WNV	SLEV	WEEV	CHIK	DENV	ZIKA
Dead Birds	Week	10 / 69					
	YTD	24 / 468					
Chicken Sera	Week	0 / 263	0 / 263	0 / 263			
	YTD	0 / 660	0 / 660	0 / 660			
Mosquito Pools	Week	7 / 1,447	0 / 1,388	0 / 1,388	0 / 17	0 / 17	0 / 17
	YTD	17 / 14,346	1 / 13,235	0 / 13,235	0 / 164	0 / 164	0 / 164

POSITIVES

Dead Birds

County	Submitting Agency	City	Zip Code	Species	Date Reported	Virus
Alameda	Alameda Co MAD	Newark	94560	Unknown - Crow or Raven	5/26/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95817	American Crow	5/31/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95819	American Crow	6/1/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	American Crow	6/1/2026	WNV

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Sacramento	Sacramento-Yolo MVCD	Sacramento	95817	American Crow	6/2/2026	WNV
Santa Clara	Santa Clara Co VCD	San Jose	95129	American Crow	5/28/2026	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94303	American Crow	6/1/2026	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94301	American Crow	6/2/2026	WNV
Ventura	Ventura Co Env Health Dept	Ventura	93001	American Crow	5/28/2026	WNV
Yolo	Sacramento-Yolo MVCD	Woodland	95776	Brewer's Blackbird	6/3/2026	WNV

Mosquito Pools

County	Site	Pool No	Species	City	Pool Size	Trap	Collected	Virus
Fresno	CNSL 2727	65	Cx tarsalis	Clovis	22	CO2	05/28/2026	WNV
Fresno	CNSL 9138	64	Cx quinquefasciatus	Clovis	50	GRVD	05/28/2026	WNV
Fresno	FRNO 8	92	Cx tarsalis	Fresno	14	GRVD	06/04/2026	WNV
Orange	ORCO 358	955	Cx quinquefasciatus	Newport Beach	24	GRVD	2026-05-28	WNV
Los Angeles	GRLA 2166	323	Cx quinquefasciatus	Montebello	41	GRVD	05/27/2026	WNV
Riverside	COAV 0	2938	Cx tarsalis	Indio	50	CO2	06/02/2026	WNV
Riverside	COAV 58	2942	Cx tarsalis	North Shore	50	CO2	06/02/2026	WNV

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TEST PROTOCOLS

Humans:

Specimens are tested by local laboratories with an IgM or IgG immunofluorescent assay (IFA) and/or an IgM enzyme immunoassay (EIA). Specimens with inconclusive results are forwarded to the California Department of Public Health Viral and Rickettsial Disease Laboratory (VRDL) for further testing with a plaque reduction neutralization test (PRNT).

Dead Birds

Oral swab samples collected from bird carcasses are tested at the UC Davis Arbovirus Research and Training laboratory (DART) or at a local agency for West Nile virus by RT-qPCR.

Sentinel Chickens:

Dried blood spot samples from sentinel chickens are tested at the California Department of Public Health Vector-Borne Disease Laboratory for IgG antibodies to West Nile, St. Louis encephalitis, and western equine encephalomyelitis viruses by an EIA. Positive samples are confirmed by IFA, western-blot, or PRNT.

Mosquito Pools:

Mosquito pools are tested at DART or at a local agency for West Nile, western equine encephalomyelitis, and St. Louis encephalitis viral RNA using a multiplex RT-qPCR. Invasive *Aedes* mosquitoes (*Ae. aegypti* and *Ae. albopictus*) are also tested at DART for chikungunya, dengue, and Zika viral RNA by a separate RT-qPCR.

Website Information: For updated information on WNV in California, please visit the California WNV website, <https://westnile.ca.gov>, or the California Vector-Borne Disease Surveillance System website, <https://maps.vectorsurv.org>.

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